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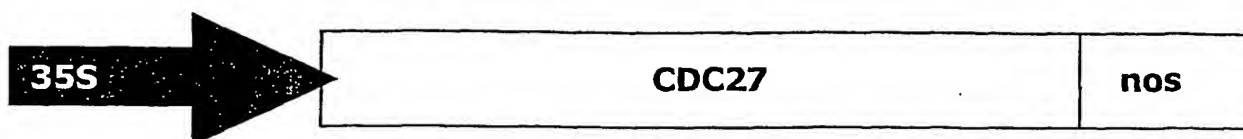


FIGURE 1

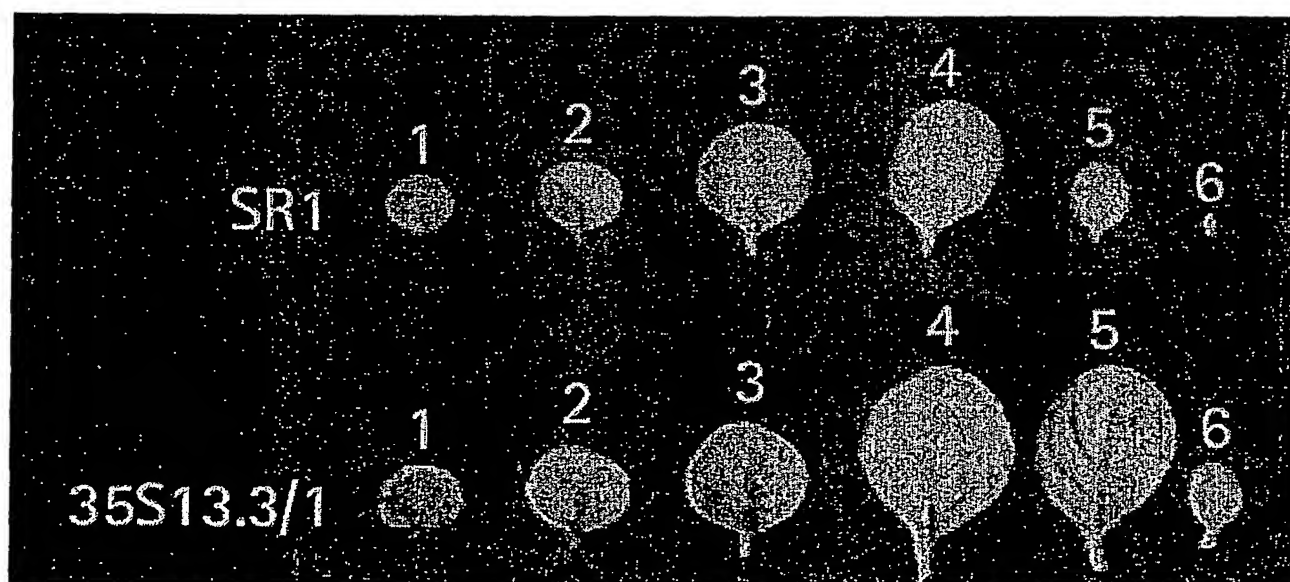


FIGURE 2

BEST AVAILABLE COPY

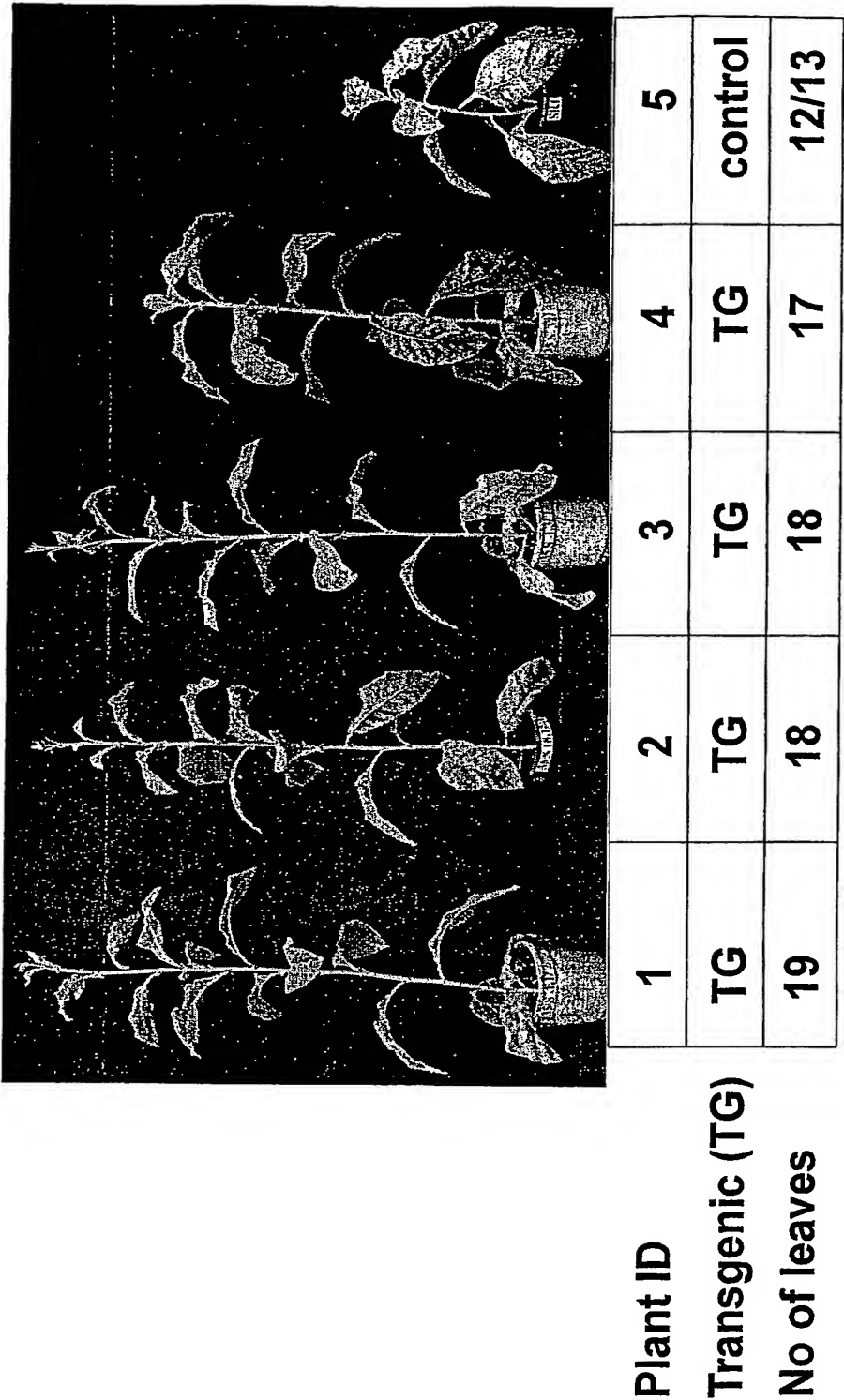
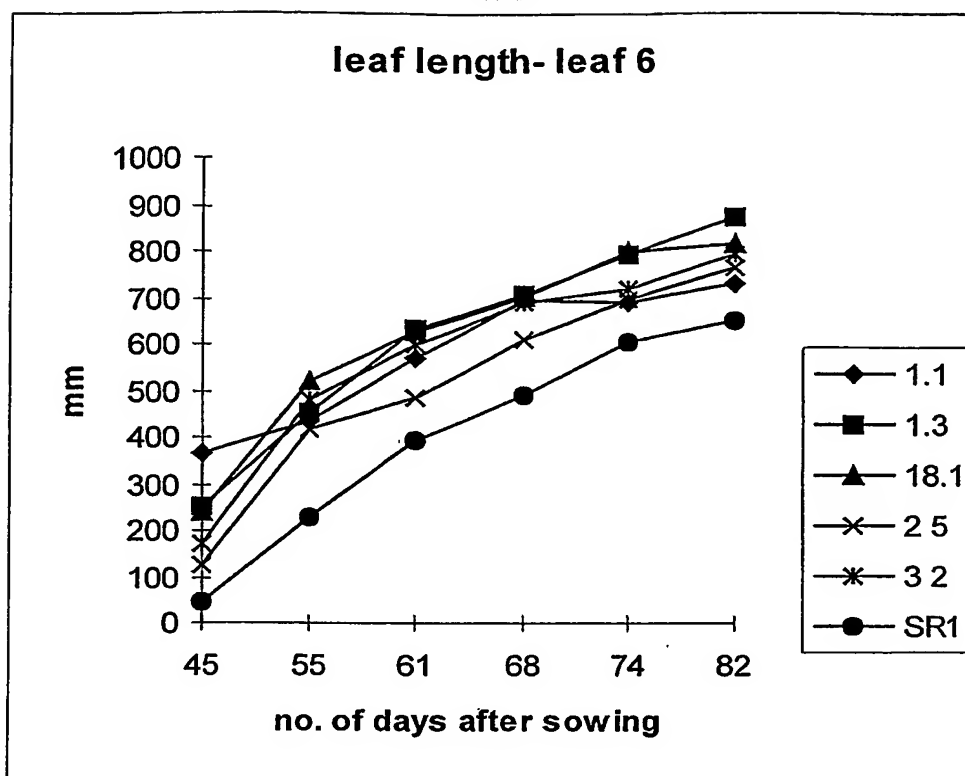
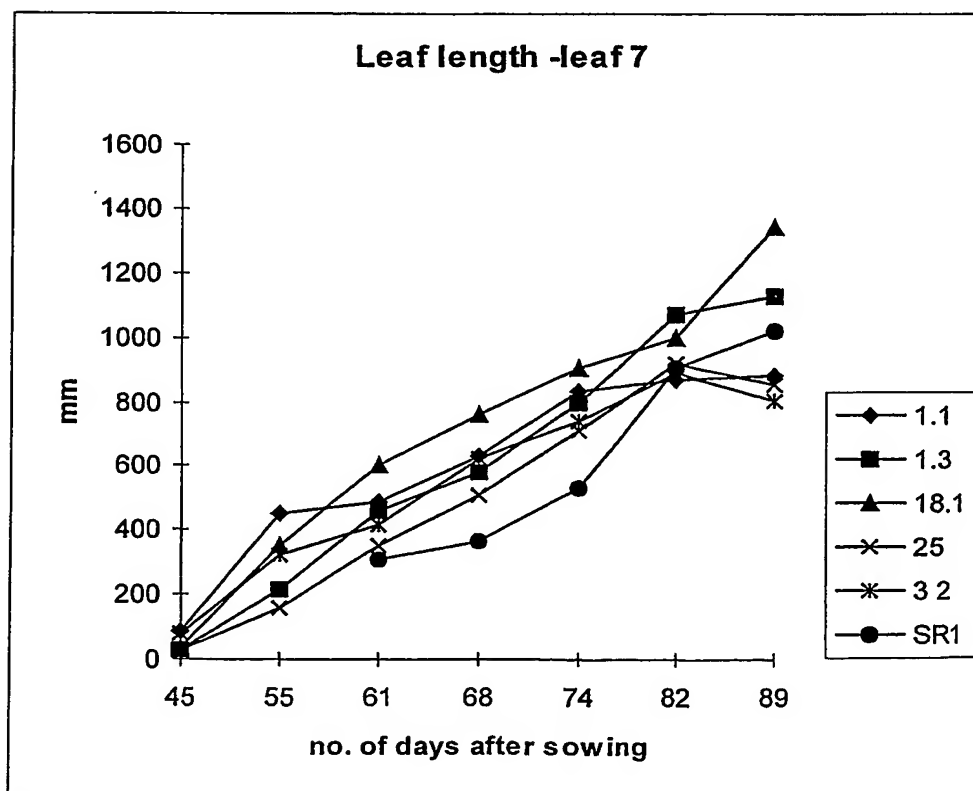
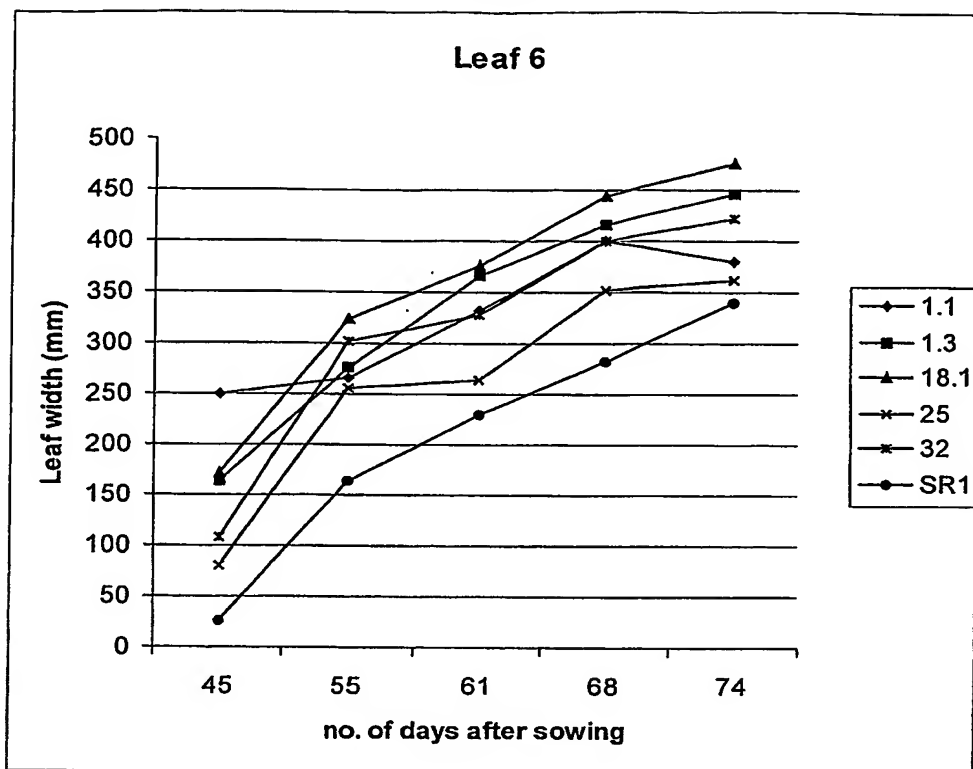
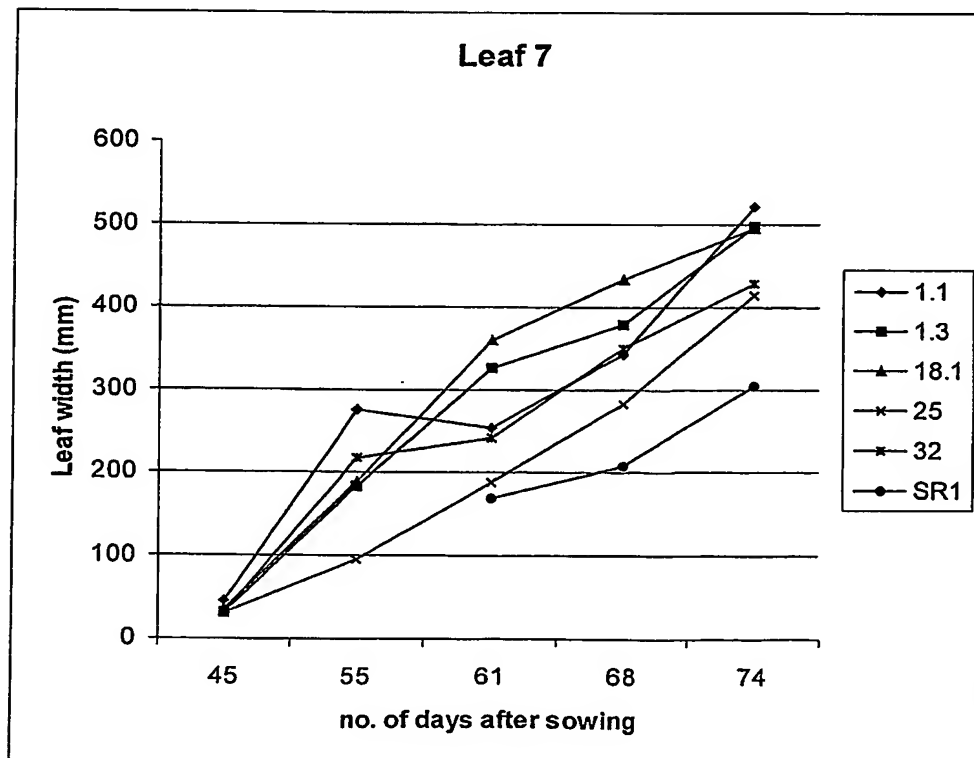


FIGURE 3

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**A****B****FIGURE 4**

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**A****B****FIGURE 5**

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SEQ ID NO 1 cDNA *Arabidopsis thaliana* cdc27A1

ATGATGGAGAATCTACTGGCGAATTGTGTCCAGAAAAACCTTAACCATTTTTATGTTACCAA  
TGCTATCTTCCTTTGCGAACTTCTTCTCGCCCAATTTCCATCTGAGGTGAACCTGCAATTGT  
TAGCCAGGTGTTACTTGAGTAACAGTCAAGCTTATAGTGCATATTATATCCTTAAAGGTTCA  
AAAACGCCTCAGTCTCGGTATTTATTTGCATTCTCATGCTTTAAGTTGGATCTTCTTGGAGA  
GGCTGAAGCTGCATTGTTGCCCTGTGAAGATTATGCTGAAGAAGTTCTGGTGGTGCAGCTG  
GGCATTATCTTCTTGGTCTTATATATAGATATTCTGGGAGGAAGAAGTGTTCATACAACAG  
TTTAGGATGGCATTGTCAATTTGATCCATTGTGTTGGGAAGCATATGGAGAAGTTTGTAGTTT  
AGGTGCCGCTGAAGAAGCCTCAACAGTTTTCTGGGAATGTTGCTTCCAGCGTCTTAAAAGTT  
GTGTAGAACAAAGAATAAGCTTCTCAGAAGGAGCAACCATAGACCAGATTACAGATTCTGAT  
AAGGCCTTAAAAGATACAGGTTTATCGCAAACAGAACACATTCCAGGAGAGAACCAACAAGA  
TCTGAAAATTATGCAGCAGCCTGGAGATATTCCACCAAATACTGACAGGCAACTTAGTACAA  
ACGGATGGGACTTGAACACACCTTCTCCAGTGCTTTTACAGGTAATGGATGCTCCACCGCCT  
CTGCTTCTTAAGAATATGCGTCGTCCAGCAGTGGAAAGGATCTTTGATGTCTGTACATGGAGT  
GCGTGTGCGTCGAAGAACTTTTTTAGTGAAGAATTGTCAGCAGAGGCTCAAGAAGAATCTG  
GGCGCCCGCGTAGTGCTAGAAATAGCAGCAAGGAAAAAGAATCCTATGTCGCAGTCATTTGGA  
AAAGATTCCCATTTGGTTACATCTTTACCTTCCGAGTCAAAGTATGCACCTTCTCTTTCCTC  
GATGATTGGAAGATGCAGAATCCAAAGCAGCAAAGAAGCGATTCTGATACCGTTACTCTAA  
ATGATCCAGCAACGACGTCAGGCCAGTCTGTAAGTGACACTGGAAGCTCTGTTGATGATGAG  
GAAAAGTCAAATCCTAGTGAATCTTCCCGGATCGTTTCAGCCTTATTTCTGGAATTTTACA  
AGTGCTAGGCATTCTGAAAATTCTTGGAGATGGCCACAGGCATTTACATATGTACAAGTGTC  
AGGAAGCTTTGTTGGCATATCAAAAGCTATCTCAGAAACAATACAATACACACTGGGTTCTC  
ATGCAGGTTGGAAAAGCATATTTTGAGCTACAAGACTACTTCAACGCTGACTCTTCTTTTAC  
TCTTGCTCATCAAAAGTATCCTTATGCTTTGGAAGGAATGGATACATACTCCACTGTTCTTT  
ATCACCTGAAAGAAGAGATGAGGTTGGGCTATCTGGCTCAGGAAGTATTTAGTTGATCGC  
CTGTCTCCAGAATCCTGGTGTGCAGTTGGGAAGTGTACAGTTTGCGTAAGGATCATGATAC  
TGCTCTCAAAATGTTTTCAGAGAGCTATCCAACTGAATGAAAGATTACATATGCACATACCC  
TTTGTGGCCACGAGTTTGCCGCATTGGAAGAATTTCAGGATGCAGAGAGATGCTACCGGAAG  
GCTCTGGGCATAGATACGAGACACTATAATGCATGGTACGGTCTTGGAATGACCTATCTTCG  
TCAGGAGAAATTCGAGTTTGCGCAGCATCAATTTCAACTGGCTCTCCAAATAAATCCAAGAT  
CTTCAGTCATCATGTGTTACTATGGAATTGCTTTGCATGAGTCAAAGAGAAACGATGAGGCG  
TTGATGATGATGGAGAAGGCTGTACTCACTGATGCAAAGAATCCGCTCCCCAAGTACTACAA  
GGCTCACATATTAACCAGCCTAGGTGATTATCACAAGCACAGAAAGTTTTAGAAGAGCTCA  
AAGAATGTGCTCCTCAAGAAAGCAGTGTCCATGCATCGCTTGGCAAATATACAATCAGCTA  
AAGCAATACGACAAAGCCGTGTTACATTTCCGCATTGCTTTGGATTTAAGCCCTTCTCCATC  
TGATGCTGTCAAGATAAAGGCTTACATGGAGAGGTTGATACTACCAGACGAGCTGGTGACGG  
AGGAAAATTTGTAGATTTTATTGTGCAGGTAATACACCAGATTATGTTTCTCATATAACCCAA  
AGTCATCTGTAATTTTTCTCATCTTTAGATCAGTCTTGTGGACTAACCCTAAAACAAAAGT  
ATTATATAAACTTAGAGGGTAATATTACAGAAAATTGTATAGAGTTGGGTTTGAATTTTCAT  
TTCTTTTCCAAGTTGGAAGTTTTGTTCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA  
AAAAAAAAAAAAAAAAAA

FIGURE 6

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**SEQ ID NO 2 protein Arabidopsis thaliana cdc27A1**

MMENLLANCVQKNLNHFMFTNAIFLCELLLAQFPSEVNLQLLARCYLSNSQAYSAYYILKGS  
KTPQSRYLFAFSCFKLDLLGEAEAALLPCEDYAEVPGGAAGHYLLGLIYRYSGRKNCSIQQ  
FRMALSFDPWCWEAYGELCSLGAAEEASTVFGNVASQRLQKTCVEQRISFSEGATIDQITDS  
DKALKDTGLSQTEHIPGENQQDLKIMQQPGDIPNTDRQLSTNGWDLNTPSPVLLQVMDALP  
PLLLKNMRRPAVEGSLMSVHGVRVRRRNFFSEELSAEAQEEESGRRRSARIAARKKNPMSQSF  
GKDSHWLHLSPSESNYAPSLSSMIGKCRIQSSKEVIPDVTVLNDPATTSGQSVSDIGSSVDD  
EEKSNPSESSPDRFSLISGISEVLSLLKILGDGHRHLHMYKCQEALLAYQKLSQKQYNTHWV  
LMQVGKAYFELQDYFNADSSFTLAHQKYPYALEGMDTYSTVLYHLKEEMRLGYLAQELISVD  
RLSPESWCAVGNCYSLRKDHD TALKMFORAIQLNERFTYAHTLCGHEFAALEEFEDAERCYR  
KALGIDTRHYNWYGLGPTYLRQEKFEFAQHQQFQALQINPRSSVIMCYYGIALHESKRND  
ALMMMEKAVLTDKKNPLPKYYKAHILTS LGDYHKAQKVLEELKECAPQESSVHASLGKIYNQ  
LKQYDKAVLHFGIALDLSPSPSDAVKIKAYMERLILPDELVTEENL

**SEQ ID NO 3 Arabidopsis thaliana CDC27A2 cDNA**

atgatggagaatctactggcgaattgtgtccagaaaaaccttaaccattttatgttcaccaa  
tgctatcttctcttgcgaacttcttctcgcccaatttccatctgaggtgaacctgcaattgt  
tagccaggtgttacttgagtaacagtcagcttatagtgcatattatcttaaaaggttca  
aaaacgcctcagtcctcggtattttatgtcattctcatgctttaagttggatcttcttgga  
ggctgaagctgcattgttgccctgtgaagattatgctgaagaagttcctgggtggtgcagctg  
ggcattatcttcttgggtcttatatagatattctgggaggaagaactgttcaatacaacag  
tttaggatggcattgtcatttgatccattgtgttggaagcatatggagaactttgtagttt  
aggtgcccgtgaagaagcctcaacagttttcggaatgttgcttcccagcgtcttaaaactt  
gtgtagaacaagaataagcttctcagaaggagcaaccatagaccagattacagattctgat  
aaggccttaaaagatacaggtttatcgcaaacagaacacattccaggagagaaccaacaaga  
tctgaaaattatgcagcagcctggagatattccaccaaatactgacaggcaacttagtaca  
acggatgggacttgaacacaccttctccagtgcttttacaggtaatggatgctccaccgcct  
ctgcttcttaagaatatgcgtcgtccagcagtggaaggatctttgatgtctgtacatggagt  
gogtgtgcgtcgaagaaacttttttagtgaagaattgtcagcagaggctcaagaagaatctg  
ggcgccgcccgtagtgtgtagaatagcagcaaggaaaaagaatcctatgtcgcagtcatttgga  
aaagattcccattgggtacatctttcaccttccgagtcacactatgcaccttctcttctc  
gatgattggaaaatgcagaatccaaagcagcaagaagcaacgacgtcaggccagtcgtgtaa  
gtgacactggaagctctgttgatgatgaggaaaagtcaaactcctagtgaatcttccccggat  
cgtttcagccttattttctggaatttcagaagtgtcgaagcattctgaaaattcttgagatgg  
ccacaggcatttacatatgtacaagtgtcaggaagccttgggtggcatatcaaaagctatctc  
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gactacttcaacgctgactcttcttcttactcttgcctcatcaaaagtatccttatgctttgga  
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tggtacagtttgcgtaaggatcatgatactgctctcaaaatgtttcagagagctatccaact  
gaatgaaagattcacatatgcacataccctttgtggccacgagtttgccgcattggaagaat  
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tggtacggctcttggaaatgacctatcttcgtcaggagaaattcgagtttgccgcagcatcaatt  
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gcaaagaatccgctccccaaagtactacaaggctcacatattaaccagcctaggtgattatca  
caaagcacagaaagttttagaagagctcaaagaatgtgctcctcaagaaagcagtggtccatg

**FIGURE 6 (continued)**

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catcgcttggcaaaatatacaatcagctaaagcaatacgacaaagccgtgttacatttcggc  
attgctttggatttaagcccttctccatctgatgctgtcaagataaaggcttacatggagag  
gttgatactaccagacgagctggtgacggaggaaaattttagatatttattgtgcaggttaata  
caccagattatgtttctcatataacccaaagtcctgttaatttttctcatcttttagatcag  
tcttgtggactaaccctaaaacaaaactgattatataaaacttagagggtaataattacagaaa  
attgtatagagttgggtttgaattttcattttctttccaagttggaacttttgttcaaaaaa  
aa

**SEQ ID NO 4 Arabidopsis thaliana CDC27A2 protein**

MMENLLANCVQKNLNHFMTNAIFLCELLLAQFPSEVNLQLLARCYLSNSQAYSAYYILKGS  
KTPQSRYLFAFSCFKLDLLGEAEAALLPCEDYAEVPGGAAGHYLLGLIYRYSGRKNCSIQQ  
FRMALSFDPLCWEAYGELCSLGAAEEASTVFGNVAHQRLKTCVEQRISFSEGATIDQITDSD  
KALKDGTGLSQTEHIPGENQQDLKIMQQPGDIPNTDRQLSTNGWDLNTPSPVLLQVMDAPP  
LLLKNMRRPAVEGSLMSVHGVRVRRRNFFSEELSAEAQEESSGRRRSARIAARKKNPMSQSF  
KDSHWLHLSPESENYPSSLSSMIGKCRIOSSKEATTSGQSVSDTGSSVDDEEKSNPSESSPD  
RFSLISGISEVLSILKILGDGHRHLHMYKCQEALLAYQKLSQKQYNTHWVLMQVGKAYFELQ  
DYFNADSSFTLAHQKYPYALEGMDTYSTVLYHLKEEMRLGYLAQELISVDRLSPESWCAVGN  
CYSLRKDHDITALKMFQRAIQLNERFTYAHTLCGHEFAALEEFEDAERCYRKALGIDTRHYNA  
WYGLGMTYLRQEKFEFAQHQFQLALQINPRSSVIMCYYGIALHESKRNDALMMMEKAVLTD  
AKNPLPKYYKAHILTSGLGDYHKAQKVLEELKECAPQESSVHASLGKIYNQLKQYDKAVLHFG  
IALDLSPSPSDAVKIKAYMERLILPDELVTENL

**SEQ ID NO 5 Oryza sativa CDC27 cDNA partial**

atggaaaccctaattggtggaccgcgtccacggcagcctccgcctcttcatgcaccgcaacgc  
cgtcttctctctgcgagcgcctctgcgcccaggtcccccgcgagacaaatgtccagttgctag  
caacttgctaccttcacaacaaccagccatattgctgcataccacatcttgaaaggaaagaag  
ctgccagaggtcccggtacttgtttgctatgtcatgcttccgaatgaacctcttacgggaagc  
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actaccttcttggagtaatttacagggtacactggcagagtggaagctgcagctgagcaattt  
gtacaagctctgactcttgatcctcttctatgggcagcatacgaggaattgtgcatactagg  
tggtgctgaagatgcaaattgaatgtttcagtgaaagcaacagctctacgtcttcagcaggaac  
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aatgtgtcagcaagttttggtgatagtcctaagcaaattaaacagctgcatgctaaccaccac  
tgcagaagtattctgggtatcctcatgtaaagtcaactgcattgcataatgcagaacgggtgcac  
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cactaggggaagggtataggctttcttgcttggttaagtgtcaggaagcattggaagtatat  
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catgcacggttgagggaatggacatttactccactgttctttatcatttgaaatgaggaaatg  
cggttaagttaccttgctcaagatcttgtttctattgatcgactatctcccaagcatgggtg  
tgctgtgggaattgctttgccttgaggaaagatcatgagactgccttgaagaattttcaac  
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ctataccgatctgcacttcaggtagatgaaagacactacaatgcctgggtatggccttgaggt  
gggtgtaccttcgccaggaaaagtttgagtttgctgagcatcatttcagaagggcattccaga

**FIGURE 6 (continued)**

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taaatccttgctcttctggttcttatgtgctatcttgggatggccttgcattgctttaagagg  
aatgaggaagccttggaatgatggagaaggctatatatttgctgataagaagaatccactccc  
caagtatcaaaaggctttaatccttctaggcctacaaaaataccctgatgctctggatgagt  
tggaacggctaaaggaaattgcacctcatgaaagtagtatgtatgcactgatgggaaagatt  
tacaagcaacttaacattcttgacaaggctgtattttgctttggcattgccctggatttgaa  
acctcctgctgctgacgttgctataatacaatctgcaatggagaaagtacaccttccagatg  
aacttatggatgatgatgatgatgatgatgagatttaagctcactccgaagaacagagggga  
ggaaccaacattgattggcatgacctggtgcttg

**SEQ ID NO 6 *Oryza sativa* CDC27 protein partial**

METLMVDRVHGSRLRFMHRNAVFLCERLCAQFPETNVQLLATCYLHNNQPYAAYHILKGKK  
LPESRYLFAMSCFRMNLLREAEELCPVNEPNIEVPSGATGHYLLGVIYRYTGRVEAAAEQF  
VQALTLDPLLWAAEELCILGVAEDANECFSEATALRLQOELTSTSNVEKSNEFVNENRFLSS  
NVSASFGDSPKQIKQLHANTTAEVSGYPHVKSTALHMONGAPSNLSQFDTSPSTSTQXXNVT  
STSSSTSIVDGRYPEQEKSERVLSQDSKLAIGIRELMALLRTLGEGRYLSCLFKCQEALEVY  
RKLPEAQFNTGWVLCQVGKTYFELVNYLEADHFFELAHRLSPCTLEGMDIYSTVLYHLNEEM  
RLSYLAQDLVSIIDRLSPQAWCAVGNCFALRKDHETALKNFQRAVQLDSRVAYAH TLCGHDIK  
LYRSALQVDERHYNAWYGLGVVYLRQEKFEFAEHFRRFQINPCSSVLMCYLGMALHALKR  
NEEALEMMEKAI FADKKNPLPKYQKALILLGLQKYPDALDELERLKEIAPHESMYALMGKI  
YKQLNILDKAVFCFGIALDLKPPAADVAIIQSAMEKVHLPDELMDDDDDDDEI

**SEQ ID NO 7 *Saccharum* sp. CDC27 partial nucleotide sequence**

ggtcgacccacgcgtccgacccgacccctcccactgctgcgcctgccgcctgcgcttcggcca  
ccgcacaacacttcccctcgctctcgcccgcccgcccgcgctcgccgcgcgcgcgcgcgcgcg  
ggcggagatggaaaccctaattggtggacccgcgtccacagcagcctccgcctcttcatgcacc  
gcaacgccgtattcctctgcgagcgcctctgcgcgcagttcccctccgagaccaatgtgcaa  
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gaagaagctgccggagtcccggacttgtttgctacatcatgctttcgaatgaacctcttg  
gtgaagcagaagaaactctatgtccagtcattgaaccaaactggaggttccaagtggagca  
acaggacactacctccttgagtgatttacaggtgcacaggcagaatttcagctgcagctga  
acaatttacacaagcgttgactctagatcctcttttatgggcggcatatgaggaattgtgta  
tattaggtattgctgaagatactgatgagtggttttagtgaatcgactgctctacgtctccag  
caggaacacacatccacggccactctggtgaagtcgaacttcgccaatgaaaatcgagttct  
atcatccagggctctctgcaaatcttggggatattagtcctaagcaaatcaaacagcttcatg  
ctaacaacatagcagaagtatctggctatcctcatgtaagaccaactgcattgcattgtgcag  
aacagttcaacctctaattgtagcacagtttgacaccccatcaccaactgcagcacagacttc  
tagtatcatgccaccaccactctttaggaatgtccatgcttanattcaaattcaaataacctg  
gggtttggagggaatggtacaggttattcgtcagggaaattgagagtaaaactcgtccacacc  
atcaaaatggtgttaaccaccatacgttccgtgcaagttaggaaaggaaaaccacgggctac  
agaaaattttgatgaaggaagtagatatgaagtcattgatgaaatgtggacagacaatatat  
caggaacttcatcttctgtaagtacagctgatggaagatcctttgagcaagataaaagctgaa  
cgaattctgttgcaagactccaaattggcacttggtattagggagatattgggacttggtccg  
aacactcgggtgaagggttgtaggctttcttgcttggttaagtgccatgaagccttggaagtct  
acagaagactccctgagaccatntagcactggatggagcatatgccaggttggttaaggca  
tatttcgaattagttgattatttggaagctgatcggttactttgaattggcacaccgactgtc

**FIGURE 6 (continued)**



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gccttgtagcgttgatggaatggacatctattctactgttctttatcatctgaatgaggaaa  
tgagactaagctaccttgctcaagagcttatttccattgatcgactatctcctcaagcatgg  
tgtgcagtgggcaattgctttgccttgaggaaagatcatgagactgctttgaagaattttca  
acgttcggtacagcttgactcaagatttgcatatgctcacactctatgtgggtcatgagtatt  
ctgcattggaggattatgagaatagtatcaaattctaccggtgtgcactgcaggtagatgaa  
aggcactacaatgcctgggtatggccttgggggtgggtgtatcttcgccaggaaaagtntgagtt  
tgctgagcatcatttcagaagggcatttcagataaatcctcgctcttctgttctcatgtgct  
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gctatagcagctgataagaagaatccactgcccaagtatcagaaggccttaattccttctagg  
tcttcagaagtatcaagaagctctggatgagttggagcggctaaaggagattgcacctcatg  
agagcagtatgtatgcactgatgggaaagatttacaagcaactcaatatccttgacaaagct  
gttttctgctttggcattgccctggatttgaaacctcctgctgctgatcttgctataattaa  
gtccgcaatggagaaagtagcatctcctgatgaactgatggaggatgacctgtaagttcgct  
caagcacagtggagaaaggaacatttacttcgggtccatgatgctttgcttgcttcgtggt  
cctggcctgcttaggcttctcaagtggaaactcagatcttgagctgtaccatcaaccatcca  
gttttgtagatttagttgtagcctataatcagagaacacatgcgagagctgcagtagttt  
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taacaaaacacatccttgtcaataacggaaataatcaaaggatgaggatcctgctgattca  
agcagattgtttgtcg

**SEQ ID NO 8 *Saccharum* sp. CDC27 partial protein sequence**

METLMVDRVHSSLRLFMHRNAVFLCERLCAQFPSETNVQLLATCYLHNNQPYAAYHILKGGK  
LPESRYLFATSCFRMNLLREAEETLCPVNEPNMEVPSGATGHYLLGVIYRCTGRISAAAEQF  
TQALTLDPLLWAAEELCILGIAEDTDECFSSESTALRLQOEHTSTATLVKSNFANENRVLSS  
RVSANLGDISPQIKQLHANNIAEVSGYPHVRPTALHVQNSSTSNVAQFDTPSPATAQTSSI  
MPPPLFRNVHAXIQIQIPGVWREWYRLFVREIASKLVHTIKMVLTTIRSVQVRKGKPRATEN  
FDEGSRYEVIDEMWTDNISGTSSSVSTADGRSFEQDKAERILLQDSKLALGIREILGLVRTL  
GEGCRLSCLFKCHEALEVYRRLPETHXSTGWSICQVGKAYFELVDYLEADRYFELAHRLSPC  
TLDGMDIYSTVLYHLNEEMRLSYLAQELISIDRLSPQAWCAVGNCFALRKDHETALKNFORS  
VQLDSRFAYAHTLCGHEYSALEDYENSIFKYRCALQVDERHYNAWYGLGVVYLRQEKXEFAE  
HHFRRAFQINPRSSVLMCYLGMALHSLKRKEEALEMMEKAIAADKKNPLPKYQKALILLGLQ  
KYQEALDELERLKEIAPHESMYALMGKIYKQLNILDKAVFCFGIALDLKPPAADLAIKSA  
MEKVHLPDELMEDDL\*

**SEQ ID NO 9 *Zea mays* EST nucleotide**

ACAGCTTGACTCAAGATTTGCATATGCTCACACTCTATGTGGTCATGAGTATTCTGCACTGG  
AGGATTATGAGAATAGTATCAAATTCTACAGATGTGCACTGCAGGTAGATGAAAGGCACTAC  
AATGCTTGGTATGGCCTTGGGGTGGTGTATCTTCGCCAGGAAAAGTTTGAGTTTGCTGAGCA  
TCATTTGAGAAGGGCATTTCAGATAAATCCTCGCTCTTCTGTTCTCATGTGCTATCTTGGGA  
TGGCCTTGCATTCTCTTAAGAGGAATGAAGAGGCACTGGAAATGATGGAGAAAGCTATAGCA  
GCTGATAAGAAGAATCCACTGCCCAAGTATCAGAAGTCCTTAATTCTTCTAGGACTAATGAA  
GTATGAAGAAGCTCTGGATGAGTTGGAGCGGCTAAAGGAGATTGCACCTCATGAGAGTAGTA  
TGTATGCACTGATGGGAAAGATTTACAAGCAACTCAATATTCTTGACAAAGCTGTTTTCTGC  
TTCGGCATTGCCCTGGATTTGAAACCACCTGCTGCTGATCTTGCTATAATTAAGTCCGCAAT  
GGAGAAAGTACCTCGGCCGCGACCACGC

**FIGURE 6 (continued)**

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**SEQ ID NO 10 protein translation of Zea Mays EST**

QLDSRFAYAHITLCGHEYSALDYENSIKFYRCALQVDERHYNAWYGLGVVYLRQEKFEFAEH  
HFRRAFQINPRSSVLMCYLGMALHSLKRNEEALEMMEKAIADKKNPLPKYQKSLILLGLMK  
YEEALDELERLKEIAPHESMYALMGKIYKQLNILDKAVFCFGIALDLKPPAADLAIKSAM  
EKVPRP

**SEQ ID NO 11 Sorghum bicolor EST BF657465 nucleotide:**

CTCCACAACAATCAGCCATATGCTGCATACCACATTTTGAAAGGGAAGAAGATGCCGGAGTC  
CCGGTACTTGTTTGCTACATCATGTTTTCGAATGAACCTCTTGCGTGAAGCAGAAGAACTC  
TATGTCCAGTCAATGAACCAAACATGGAGGTTCCAAGTGGAGCAACAGGACACTACCTCCTT  
GGAGTGATTTACAGGTGCACAGGCAGAATTTAGCTGCAGCTGAACAATTTACACAAGCGTT  
GACTCTAGATCCTCTTTTATGGGCGGCATATGAGGAATTGTGTATATTAGGTATTGCTGAAG  
ATACCGATGAGTGTTTTAGTGAATCGACTGCTCT

**SEQ ID NO 12 protein translation of Sorghum bicolor EST BF657465**

LHNNQPYAAYHILKGKKMPESRYLFATSCFRMNLLREAETLCPVNEPNMEVPSGATGHYLL  
GVIYRCTGRISAAAEQFTQALTLDPLLWAAEELCILGIAEDTDECFSESTA

**SEQ ID NO 13 Triticum aestivum EST CD904062 nucleotide**

ACCCACGCGTCCGCACGAATATTCTNGCATTGGAGGATTACGAGAACAGTGTTAAATTCTAC  
CGATGTGCACTTCAGGTAGATGAAAGGCACTACAATGCCTGGTATGGGCTTGGAGTAGTTTA  
CCTTCGCCAGGAAAAGTTTGAGTTTGCTGAGCATCATTTTAGAAGGGCATTTCAGATAAATC  
CCCGCTCTTCTGTTCTTATGTGCTATCTTGGGATGGCCTTACATGCTCTAAAGAGAGATGAG  
GATGCATTGGAGATGATGGAGAAAGCCATATTTTCTGATAAGAAGAATCCACTTCCTAAGTA  
TCAGAAGGCTTTAATTCTGGTAGGCCTTCAAAAATATCAGGAGGCTCTGGATGAGTTGGAAC  
GGCTAAGGGGAGATTGCACCTCATGAGAGTAGTATGTATGCACTTATGGGCAAGATATACAAG  
CAACTCAATATTCTCGACAAGGCTGTATTTTGCTTTGGCGTTGCCCTTGATTTGAAACCTCC  
CGCTGCCGACCTTGCTATAATCAAGTCTGCAATGGAGAAAGTACACCTTCCAGATGAACTGA  
TGGAGGATGATGACCTGTAAGTTCACTTTAAAGCACAACTGAGAAATGGACATTTATTTCAG  
ATCTATGAGTTTCTGCTTGTGCTTCCGAGTCATGGCCTGAATGTGCTTTCGGAGAGGAACTC  
AGAGGTTGAAGGAAGCAAGCACATCATGCGGAA

**SEQ ID NO 14 Protein translation of Triticum aestivum EST CD904062**

ALEDYENSVKFYRCALQVDERHYNAWYGLGVVYLRQEKFEFAEHFRRAFQINPRSSVLMCY  
LGMALHALKRDEDALEMMEKAI FSDKKNPLPKYQKALILVGLQKYQEALDELERLREIAPHE  
SSMYALMGKIYKQLNILDKAVFCFGVALDLKPPAADLAIKSAMEKVHLPDELMEDD

**FIGURE 6 (continued)**

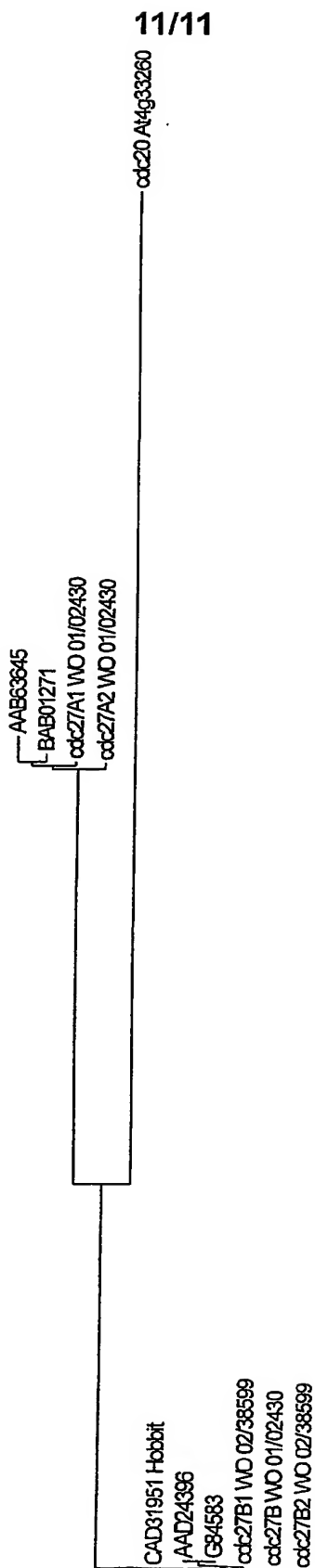


FIGURE 7

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